

March 31, 2003

RE: Barretts Minerals, Inc. 129-17275-00023

TO: Interested Parties / Applicant

FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision - Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office Environmental Adjudication, ISTA Building, 150 W. Market Street, Suite 618, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures

March 31, 2003

Ms. Debra Ambrose
Barretts Minerals Inc.
2700 Bluff Road
Mt. Vernon, IN 47620

Re: 129-17275
Notice-only change to
MSOP 129-9292-00023

Dear Ms. Ambrose:

Barretts Minerals Inc. was issued a permit on May 14, 2001 for a talc, barite and calcium carbonate processing source. A letter notifying the Office of Air Quality of a typing error was received on February 24, 2003. Pursuant to the provisions of 326 IAC 2-6.1-6 the permit is hereby revised as follows:

There was a typing error on the capacity of "One (1) Bepex/Air Mill Room" the capacity of 20 tons should have been 2.0 tons. Conditions A.2(i) and 3.4, and Section D.3 (i) shall be changed to read as follows (bold has been added and strikeout has been omitted):

Condition A.2 Emissions Units and Pollution Control Equipment Summary

- (i) One (1) Bepex/Air Mill Room, capacity:~~20~~ **2.0** tons of nonmetallic minerals per hour, consisting of:

Section D.3 Emissions Unit Description

- (i) One (1) Bepex/Air Mill Room, capacity:~~20~~ **2.0** tons of nonmetallic minerals per hour, consisting of:

D.3.4 Particulate Matter (PM) [326 IAC 6-3-2]

The particulate matter (PM) from the Bepex/Air Mill Room facilities shall be limited to ~~30.5~~ **6.52** pounds per hour each, when operating at a process weight rate of ~~20.0~~ **2.0** tons per hour each, calculated by the following:

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this letter and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5.
If you have any questions on this matter, please contact Walter Habeeb at (317) 232-8422.

Sincerely,

Original Signed by Paul Dubenetzky
Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments

WVH

cc: File - Posey County
U.S. EPA, Region V
Southwest Regional Office
Air Compliance Section Inspector - Scott Anslinger
Compliance Data Section - Karen Nowak
Administrative and Development
Technical Support and Modeling - Michele Boner

MINOR SOURCE OPERATING PERMIT

Office of Air Quality

Barretts Minerals Inc.
2700 Bluff Road
Mt. Vernon, Indiana 47620

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the emission units described in Section A (Source Summary) of this permit.

This permit is issued to the above mentioned company under the provisions of 326 IAC 2-1.1, 326 IAC 2-6.1 and 40 CFR 52.780, with conditions listed on the attached pages.

Operation Permit No.: MSOP 129-9292-00023	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: May 14, 2001 Expiration Date: May 14, 2006

First Notice Only Change: 129-10559, issued on February 17, 1999

First Minor Permit Revision: 129-14294, issued on June 11, 2001

First Significant Permit Revision: 129-16451, issued on December 23, 2002

Operation Permit No.: Second Notice Only Change 129-9292-00023	Pages Affected: 4, 24
Issued by: Original Signed by Paul Dubenetzky Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: March 31, 2003

- (b) Four (4) silos, known as N through Q, installed in 1994, exhausted to Stacks N (#186) through Q (#189) connected pneumatically to baghouses N (#186) through Q (#189), capacity: 8,313 cubic feet, each.
- (c) Two (2) silos, known as R and S, installed in 1994, exhausted to Stacks R (#190) and S (#191), connected pneumatically to baghouses R (#190) and S (#191), capacity: 6,107 cubic feet, each.
- (d) Five (5) silos, known as T through X, installed in 1994, exhausted to Stacks T (#192) through X (#196), connected pneumatically to baghouses T (#192) through X (#196), capacity: 11,083 cubic feet, each.
- (e) One (1) hammer mill micronizer, known as Bepex Mill #1, manufactured on December 10, 1974, installed in 1994, exhausted to Stack Y, connected pneumatically to baghouse Y (#197), capacity: 2,000 pounds per hour.
- (f) One (1) Ball Mill micronizer, manufactured on January 25, 1950, connected pneumatically to baghouse Z, exhausted to Stack Z, capacity: 15,000 pounds per hour, two (2) silos, known as AA and AB, exhausted to Stacks AA and AB, capacity: 6,688 cubic feet, each and one (1) classifier #3, installed in 1994, connected pneumatically to baghouse AC (#201), exhausted to Stack AC, capacity: 10 tons per hour.
- (g) One (1) pellet mill, known as Pellet Mill, installed in 1996, exhausted to Stacks AE and AF, pneumatically connected to baghouses AE and AF, capacity: 16,000 pounds of talc per hour.
- (h) Five (5) material storage silos, known as Silo A through Silo D and Silo 14, exhausted to Stacks AG through AK, respectively, connected to baghouses AG through AK respectively, installed in 1997, capacity: 12,038 cubic feet, each. These silos are also connected to a common baghouse, known as AM for unloading purposes.
- (i) One (1) Bepex/Air Mill Room, capacity: 2.0 tons of nonmetallic minerals per hour, consisting of:
 - (1) Three (3) silo bins, known as AO, AS and AT, exhausted to Stacks AO, AS and AT, equipped with baghouses AO, AS and AT.
 - (2) Two (2) air mills, known as AP and AQ, exhausted to Stacks AP and AQ, equipped with baghouses AP and AQ.
 - (3) One (1) #2 Bepex, known as AR, manufactured on December 10, 1974, exhausted to Stack AR, equipped with baghouse AR.

SECTION D.3

EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (i) One (1) Bepex/Air Mill Room, capacity: 2.0 tons of nonmetallic minerals per hour, consisting of:
 - (1) Three (3) silo bins, known as AO, AS and AT, exhausted to Stacks AO, AS and AT, equipped with baghouses AO, AS and AT.
 - (2) Two (2) air mills, known as AP and AQ, exhausted to Stacks AP and AQ, equipped with baghouses AP and AQ.
 - (3) One (1) #2 Bepex, known as AR, manufactured on December 10, 1974, exhausted to Stack AR, equipped with baghouse AR.

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-6.1-5(1)]

D.3.1 General Provisions Relating to NSPS [326 IAC 12-1] [40 CFR 60, Subpart A]

The provisions of 40 CFR 60 Subpart A - General Provisions, which are incorporated as 326 IAC 12-1, apply to the three (3) silo bins and two (2) air mills described in this section except when otherwise specified in 40 CFR 60.670 - 60.676, Subpart OOO

D.3.2 Nonmetallic Mineral Processing Plants NSPS [326 IAC 12-1] [40 CFR 60, Subpart OOO]

- (a) Particulate matter emissions from the three (3) silo bins, known as AO, AS and AT, exhausted to Stacks AO, AS and AT, and two (2) air mills, known as AP and AQ, exhausted to Stacks AP and AQ shall not exceed 0.05 grams per dry standard cubic meter, and
- (b) Visible emissions from the three (3) silo bins, known as AO, AS and AT, exhausted to Stacks AO, AS and AT, and two (2) air mills, known as AP and AQ, exhausted to Stacks AP and AQ shall not exceed seven percent (7%) opacity.

D.3.3 Particulate Matter (PM) [326 IAC 2-2] [40 CFR 52.21]

- (a) Particulate matter emissions from the three (3) silo bins, known as AO, AS and AT, exhausted to Stacks AO, AS and AT shall not exceed 0.174 pounds per hour each.
- (b) Particulate matter emissions from the two (2) air mills, known as AP and AQ exhausted to Stacks AP and AQ shall not exceed 0.371 pounds per hour each.
- (c) Particulate matter emissions from the #2 Bepex, known as AR exhausted to Stack AR shall not exceed 4.19 pounds per hour.
- (d) Compliance with these limits renders the requirements of 326 IAC 2-2 not applicable.

D.3.4 Particulate Matter (PM) [326 IAC 6-3-2]

The particulate matter (PM) from the Bepex/Air Mill Room facilities shall be limited to 6.52 pounds per hour each, when operating at a process weight rate of 2.0 tons per hour each, calculated by the following: